

TABLE OF CONTENTS

NAVY ENVIRONMENTAL AND NATURAL RESOURCES PROGRAM MANUAL

<u>Chapter</u>	<u>Title</u>	<u>Page</u>
1	Environmental Policy, Organization and Funding	
1-1	Scope	1-1
1-2	Policy	1-1
1-3	Organization.....	1-6
1-4	Funding	1-8
1-5	Responsibilities	1-10
2	Procedures for Implementing the National Environmental Policy Act (NEPA)	
2-1	Scope	2-1
2-2	Legislation.....	2-1
2-3	Terms and Definitions	2-2
2-4	Requirements	2-5
2-5	Navy Policy.....	2-6
2-6	Responsibilities	2-30
3	Pollution Prevention	
3-1	Scope	3-1
3-2	Legislation.....	3-1
3-3	Terms and Definitions	3-2
3-4	Requirements	3-4
3-5	Navy P2 Program Description.....	3-5
3-6	Navy P2 Policy	3-7
3-7	Responsibilities	3-9
4	Procedures for Implementing the Emergency Planning and Community Right to Know Act (EPCRA)	
4-1	Scope	4-1
4-2	Legislation.....	4-1
4-3	Terms and Definitions	4-2
4-4	Requirements	4-4
4-5	Navy Policy	4-6
4-6	Responsibilities	4-12

TABLE OF CONTENTS (Continued)

<u>Chapter</u>	<u>Title</u>	<u>Page</u>
5	Clean Air Ashore	
5-1	Scope	5-1
5-2	Legislation.....	5-1
5-3	Terms and Definitions	5-2
5-4	Requirements	5-4
5-5	Navy Policy.....	5-13
5-6	Responsibilities	5-15
6	Management of Ozone Depleting Substances	
6-1	Scope	6-1
6-2	Legislation.....	6-2
6-3	Terms and Definitions	6-2
6-4	Requirements	6-6
6-5	Navy Policy.....	6-7
6-6	Responsibilities	6-12
7	Clean Water Ashore	
7-1	Scope	7-1
7-2	Legislation.....	7-1
7-3	Terms and Definitions	7-3
7-4	Requirements	7-7
7-5	Navy Policy.....	7-10
7-6	Responsibilities	7-12
8	Drinking Water Systems and Water Conservation	
8-1	Scope	8-1
8-2	Legislation.....	8-2
8-3	Terms and Definitions	8-3
8-4	Requirements	8-6
8-5	Navy Policy.....	8-12
8-6	Responsibilities	8-18
9	Oil Management Ashore	
9-1	Scope	9-1
9-2	Legislation.....	9-1
9-3	Terms and Definitions	9-2
9-4	Requirements	9-4
9-5	Navy Policy.....	9-6

TABLE OF CONTENTS (Continued)

<u>Chapter</u>	<u>Title</u>	<u>Page</u>
	9-6 Responsibilities	9-10
10	Oil and Hazardous Substances Spills	
	10-1 Scope	10-1
	10-2 Legislation.....	10-1
	10-3 Terms and Definition	10-4
	10-4 Requirements	10-9
	10-5 Navy Policy.....	10-13
	10-6 Responsibilities	10-16
11	PCB Management Ashore	
	11-1 Scope	11-1
	11-2 Legislation.....	11-1
	11-3 Terms and Definitions	11-1
	11-4 Requirements	11-3
	11-5 Navy Policy.....	11-3
	11-6 Responsibilities	11-6
12	Hazardous Waste Management Ashore	
	12-1 Scope	12-1
	12-2 Legislation.....	12-1
	12-3 Terms and Definitions	12-2
	12-4 Requirements	12-4
	12-5 Navy Policy.....	12-8
	12-6 Responsibilities	12-13
13	Pesticide Compliance Ashore	
	13-1 Scope	13-1
	13-2 Legislation.....	13-1
	13-3 Terms and Definitions	13-3
	13-4 Requirements	13-4
	13-5 Navy Policy.....	13-6
	13-6 Responsibilities	13-9

TABLE OF CONTENTS (Continued)

<u>Chapter</u>	<u>Title</u>	<u>Page</u>
14	Solid Waste Management and Resource Recovery Ashore	
14-1	Scope	14-1
14-2	Legislation.....	14-2
14-3	Terms and Definitions	14-3
14-4	Requirements	14-5
14-5	Navy Policy.....	14-8
14-6	Responsibilities	14-14
15	Installation Restoration	
15-1	Scope	15-1
15-2	Legislation.....	15-2
15-3	Terms and Definitions	15-3
15-4	Requirements	15-7
15-5	Navy Policy.....	15-12
15-6	Responsibilities	15-19
16	Storage Tanks	
16-1	Scope	16-1
16-2	Legislation.....	16-1
16-3	Terms and Definitions	16-2
16-4	Requirements	16-3
16-5	Navy Policy.....	16-6
16-6	Responsibilities	16-7
17	Noise Prevention Ashore	
17-1	Scope	17-1
17-2	Legislation.....	17-1
17-3	Terms and Definitions	17-1
17-4	Requirements	17-1
17-5	Navy Policy.....	17-1
17-6	Responsibilities	17-2
18	Overseas Environmental Compliance Ashore	
18-1	Scope	18-1
18-2	Legislation.....	18-2
18-3	Terms and Definitions	18-2
18-4	Requirements	18-3
18-5	Navy Policy.....	18-3

TABLE OF CONTENTS (Continued)

<u>Chapter</u>	<u>Title</u>	<u>Page</u>
	18-6 Responsibilities	18-7
19	Environmental Compliance Afloat	
	19-1 Scope.....	19-1
	19-2 General.....	19-2
	19-3 Sewage	19-9
	19-4 Air	19-16
	19-5 Oil and Oily Waste	19-21
	19-6 Hazardous Waste and Hazardous Material	19-28
	19-7 Solid Waste	19-32
	19-8 Medical Waste	19-37
	19-9 Oil and Hazardous Substance Spills.....	19-38
	19-10 Ship Ballast Water and Anchor System Sediment Control	19-42
	19-11 Protection of Marine Mammals.....	19-43
	19-12 Floating Drydocks	19-44
	19-13 Noise	19-45
	19-14 Responsibilities	19-45
20	Environmental Quality Assessment Ashore	
	20-1 Scope	20-1
	20-2 Legislation.....	20-1
	20-3 Terms and Definitions	20-1
	20-4 Requirements	20-2
	20-5 Navy Policy.....	20-3
	20-6 Responsibilities	20-6
21	Ocean Dumping	
	21-1 Scope	21-1
	21-2 Legislation.....	21-1
	21-3 Terms and Definitions	21-1
	21-4 Requirements	21-2
	21-5 Navy Policy.....	21-2
	21-6 Responsibilities	21-3

TABLE OF CONTENTS (Continued)

<u>Chapter</u>	<u>Title</u>	<u>Page</u>
22	Natural Resources Management	
22-1	Scope	22-1
22-2	Legislation.....	22-2
22-3	Executive Orders	22-3
22-4	Terms and Definitions	22-4
22-5	Requirements and Policies	22-8
22-6	Fish and Wildlife	22-13
22-7	Land Management	22-16
22-8	Forest Management	22-19
22-9	Outdoor Recreation	22-21
22-10	Environmental Restoration	22-21
22-11	Natural Resources Miscellaneous	22-21
22-12	Training	22-22
22-13	Responsibilities	22-22
23	Historic and Archeological Resources Protection	
23-1	Scope	23-1
23-2	Legislation.....	23-1
23-3	Terms and Definitions	23-2
23-4	Requirements	23-4
23-5	Navy Policy.....	23-7
23-6	Responsibilities	23-9
24	Environmental and Natural Resources Training	
24-1	Scope	24-1
24-2	Legislation.....	24-3
24-3	Terms and Definitions	24-3
24-4	Environmental Training Requirements	24-4
24-5	Responsibilities	24-19
25	Sampling and Laboratory Testing	
25-1	Scope	25-1
25-2	Legislation.....	25-2
25-3	Terms and Definitions	25-2
25-4	Requirements	25-4
25-5	Navy Policy.....	25-4
25-6	Responsibilities	25-13
26	Radon Assessment and Mitigation	

TABLE OF CONTENTS (Continued)

<u>Chapter</u>	<u>Title</u>	<u>Page</u>
	26-1 Scope	26-1
	26-2 Legislation.....	26-1
	26-3 Terms and Definitions	26-1
	26-4 Requirements	26-2
	26-5 Navy Policy.....	26-2
	26-6 Responsibilities	26-2
27	Natural Resources Damage	
	27-1 Scope	27-1
	27-2 Legislation.....	27-1
	27-3 Terms and Definitions	27-2
	27-4 Requirements	27-6
	27-5 Navy Policy.....	27-8
	27-6 Responsibilities	27-8
	27-8 Damage Assessment	27-15
	27-9 Funding	27-18
28	Costal Zone Management	
	28-1 Scope	28-1
	28-2 Legislation.....	28-1
	28-3 Terms and Definitions	28-1
	28-4 Requirements	28-4
	28-5 Navy Policy.....	28-8
	28-6 Responsibilities	28-8

APPENDICES

<u>Appendix</u>	<u>Title</u>	<u>Page</u>
A	Pertinent Laws, Executive Orders, Regulations and Directives	A-1
B	Processing Notices of Violation (NOVs) or Noncompliance (NONs) Under Environmental Laws and Regulations.....	B-1
C	EPA Regional Offices	C-1

TABLE OF CONTENTS (Continued)
List of Figures (Continued)

<u>Figure</u>	<u>Title</u>	<u>Page</u>
D	Environmental and Natural Resources Awards Program.....	D-1
Tab A	Criteria For Nomination For The CNO And Secretary Of The Navy Natural Resources Conservation Awards.....	D-A-1
Tab B	Criteria For Nomination For The CNO And Secretary Of The Navy Cultural Resources Management Award.....	D-B-1
Tab C	Criteria For Nomination For The CNO And Secretary Of The Navy Environmental Quality Award	D-C-1
Tab D	Criteria For Nomination For The CNO And Secretary Of The Navy Pollution Prevention Awards	D-D-1
Tab E	Criteria For Nomination For The CNO And Secretary Of The Navy Recycling Award	D-E-1
Tab F	Criteria For Nomination For The CNO And Secretary Of The Navy Cleanup Award	D-F-1
Tab G	Guidance For Judging The CNO And Secretary Of The Navy Environmental Awards	D-G-1
E	Environmental Effects Abroad of Major Navy Actions.....	E-1
F	Clean Air Act General Conformity Guidance	F-1
Tab A	Definitions	F-A-1
Tab B	Regional Contacts for State Implementation Plan Information	F-B-1
Tab C	Summary of Conformity Determination Criteria	F-C-1
Tab D	Sample Record of Non-Applicability (RONA)	F-D-1
Tab E	Flow Chart for Determining Applicability	F-E-1
Tab F	Actions Exempt by Rule	F-F-1
Tab G	Areas with General Conformity NOx Exemptions.....	F-G-1
Tab H	Emission Estimation Procedures	F-H-1
Tab I	References	F-I-1
G	Guidance on Developing Facility Pollution Prevention Programs and Implementing Pollution Prevention Program Elements	G-1
Tab A	Pollution Prevention Committee (Typical Committee Charter - for Guidance, not Mandatory).....	G-A-1
H	Oil Spill Report (Message Format).....	H-1
I	Hazardous Substance Release Report (Message Format)	I-1

TABLE OF CONTENTS (Continued)
APPENDICES (Continued)

<u>Appendix</u>	<u>Title</u>	<u>Page</u>
J	Solid Waste - Source Separation Factors for Economic Analysis.....	J-1
K	Afloat Environmental Checklist.....	K-1
L	Disposal of Shipboard Hazardous Material	L-1
M	Preliminary Impact & Exposure Report (PIER).....	M-1
N	Reserved for future use	
O	Annual ODS Inventory Report Format.....	O-1
P	Environmental Response Procedures for Sunken Vessels.....	P-1
Q-X	Reserved for future use	
Y	Glossary	Y-1
Z	Index	Z-1

LIST OF FIGURES

<u>Figure</u>	<u>Title</u>	<u>Page</u>
2.1	Levels of Documentation.....	2-12
8.1	Water System Classification Flow Chart	8-7
12.1	Health and Safety Training Requirements for Hazardous Waste and Emergency Response.....	12-16
15.1	CERCLA Process.....	15-8
19.1	Summary of Navy Pollution Control Discharge Restrictions	19-10
19.2	Standard Dimensions of Flanges for Discharge Connections	19-13
19.3	VOC Limits for Ship Applications.....	19-19
C-1	Standard EPA Regional Boundaries	C-2

TABLE OF CONTENTS (Continued)
List of Figures (Continued)

<u>Figure</u>	<u>Title</u>	<u>Page</u>
F-1	De Minimis Threshold Levels for Nonattainment Areas	F-18
F-2	De Minimis Treshold Levels for Maintenance Areas	F-19

LIST OF TABLES

<u>Tables</u>	<u>Title</u>	<u>Page</u>
6.1	Class I Chemical Agents	6-3
6.2	Class II Chemical Agents	6-5
27.1	Natural Resource Damage Assessment Planning Considerations	27-21
27.2	Natural Resource Damage Assessment Process Flowchart	27-21
B-1	Media Types	B-8
E-1	Actions Included	E-9
H-1	Sample Format for Aircraft Emission Calculations.....	F-H-4
H-2	Checklist for Data Required for POV Calculations.....	F-H-8
H-3	Checklist for Data Required for GOV Calculations	F-H-10
H-4	Sample Format for Nonroad Engine Emission Calculations.....	F-H-12